

XP-002251366

AN - 1992-326516 [40]

AP - JP19910124523 19910430

CPY - KAWI

DC - L03 M22 V02

FS - CPI;EPI

IC - C22C19/00 ; C23C4/12 ; C23C26/02 ; H01F1/053

MC - L03-B02A5 M22-H03G

- V02-A01A1 V02-H04

PA - (KAWI) KAWASAKI STEEL CORP

PN - JP4229602 A 19920819 DW199240 H01F1/053 005pp

PR - JP19900158774 19900619

XA - C1992-144982

XIC - C22C-019/00 ; C23C-004/12 ; C23C-026/02 ; H01F-001/053

XP - N1992-249472

AB - J04229602 Thin sheet form rare earth-transition metal permanent magnet

is made by carrying powder contg. an intermetallic cpd. phase of
RE₂TM₁₄B, as a main component (RE = one or more of Y, Sc, and
lanthanide, TM = one or more of Fe, Co, and Ni), and molten drops
comprising mainly RE and TM, with inert gas, towards a substrate, to
mixingly deposit them on the substrate.

- USE - Used for making permanent magnets of good magnetic
characteristics, and corrosion resistance in simple method, and low
cost(Dwg.0/0)

IW - THIN SHEET FORM RARE EARTH TRANSITION METAL PERMANENT MAGNET
MANUFACTURE PREPARATION CARRY RARE EARTH TRANSITION METAL BORIDE
MOLTEN DROP GAS DEPOSIT SUBSTRATE

IKW - THIN SHEET FORM RARE EARTH TRANSITION METAL PERMANENT MAGNET
MANUFACTURE PREPARATION CARRY RARE EARTH TRANSITION METAL BORIDE
MOLTEN DROP GAS DEPOSIT SUBSTRATE

NC - 001

OPD - 1990-06-19

ORD - 1992-08-19

PAW - (KAWI) KAWASAKI STEEL CORP

TI - Thin sheet form rare earth-transition metal permanent magnet mfr. -
prepd. by carrying rare earth transition metal boride and molten drops
in gas and depositing on substrate